

**Recovery Plan Action Status****Plan Name: Missouri Bladderpod****Plan Status: Final****Plan Date: 07-Apr-88****Lead Agency: USFWS****Lead Office: Columbia Ecological Services Field Office****(2573)  
234-2132 )**

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Missouri bladderpod (Physaria filiformis)	1	1	Protect and manage existing populations	Ongoing Current	Prior to FY 1995	FY 2008	National Park Service, U.S. Fish and Wildlife Service, Endangered Species Division, The Nature Conservancy, Missouri Highway and Transportation Department	Work type not yet selected	Labor type not yet selected	

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Missouri bladderpod (Physaria filiformis)	2	2	Survey suitable habitat for additional populations	Ongoing Current	Prior to FY 1995	FY 2012	U.S. Fish and Wildlife Service, Ecological Services Division, Arkansas Natural Heritage Commission	Work type not yet selected	Labor type not yet selected	Surveys conducted in northcentral Arkansas by Paul McKenzie of CMFO and Theo Witsell of the Arkansas Natural Heritage Commission led to the discovery of two new sites in Sharp County on dolomite glades, approximately 1.4-4.5 miles from sites discovered in 2005-2006. Several hundred plants were discovered at both sites. Subsequent reviews of aerial photographs adjacent to the newly discovered sites revealed large areas of potentially suitable habitat on private land. Based on this information, additional surveys in northcentral Arkansas are warranted. Appropriate habitat was searched in April 2010 by McKenzie and Theo Witsell of the Arkansas Natural Heritage Commission but no new populations were discovered. Nonetheless, additional unsurveyed habitat exists in N. AR and further searches for the species are warranted. Witsell searched apparent suitable habitat in NW AR in 2011 but no new populations were discovered. Nonetheless, additional suitable habitat exists so further survey efforts are

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										recommended.
Missouri bladderpod (Physaria filiformis)	2	31	Conduct monitoring studies on natural populations	Ongoing Current	Prior to FY 1995	FY 2013	National Park Service, U.S. Fish and Wildlife Service, Endangered Species Division, The Nature Conservancy, Missouri Department of Conservation, Missouri Highway and Transportation Department	Work type not yet selected	Labor type not yet selected	Includes post delisting monitoring following a final rule delisting the species.
Missouri bladderpod (Physaria filiformis)	2	32	Conduct management studies	Ongoing Current	Prior to FY 1995	FY 2010	National Park Service, U.S. Fish and Wildlife Service, Endangered Species Division, The Nature Conservancy, Missouri Department of Conservation, Missouri Highway and Transportation Department	Work type not yet selected	Labor type not yet selected	Management studies to study the efficacy of various herbicides in controlling exotic brome grasses (Bromus spp.) at selected Missouri sites and the potential impact of future development on sites in Missouri under private ownership will be initiated fall 2006/spring 2007 with FY 2006 "Species Showing Success" funds.
Missouri bladderpod (Physaria filiformis)	1	4	Develop and initiate management programs on protected sites	Complete	Prior to FY 1995	FY 2009	National Park Service, U.S. Fish and Wildlife Service, Endangered Species Division, The Nature Conservancy, Missouri Department of Conservation	Work type not yet selected	Labor type not yet selected	A management plan for Missouri bladder-pod in Arkansas was completed Oct. 30, 2008 by Theo Witsell of the Arkansas Natural Heritage Commission. It was funded out of FWS "Showing Success" funds-Coop. Agree. # 30181-6-J204
Missouri bladderpod (Physaria filiformis)	3	5	Establish populations on public land	Ongoing Not Current	Prior to FY 1995	FY 2006	U.S. Fish and Wildlife Service, Endangered Species Division, Missouri Department of Conservation	Work type not yet selected	Labor type not yet selected	Establishment of a new population in a city park in Springfield, MO is scheduled for the fall of 2006

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Missouri bladderpod (Physaria filiformis)	2	55	Protect gene pool by providing seed to CPC	Unknown			Missouri Department of Conservation, Center for Plant Conservation	Work type not yet selected	Labor type not yet selected	
Missouri bladderpod (Physaria filiformis)	3	6	Develop public awareness and support for conservation of the species	Ongoing Current	Prior to FY 1995	FY 2008	National Park Service, U.S. Fish and Wildlife Service, Endangered Species Division, The Nature Conservancy, Missouri Department of Conservation	Work type not yet selected	Labor type not yet selected	